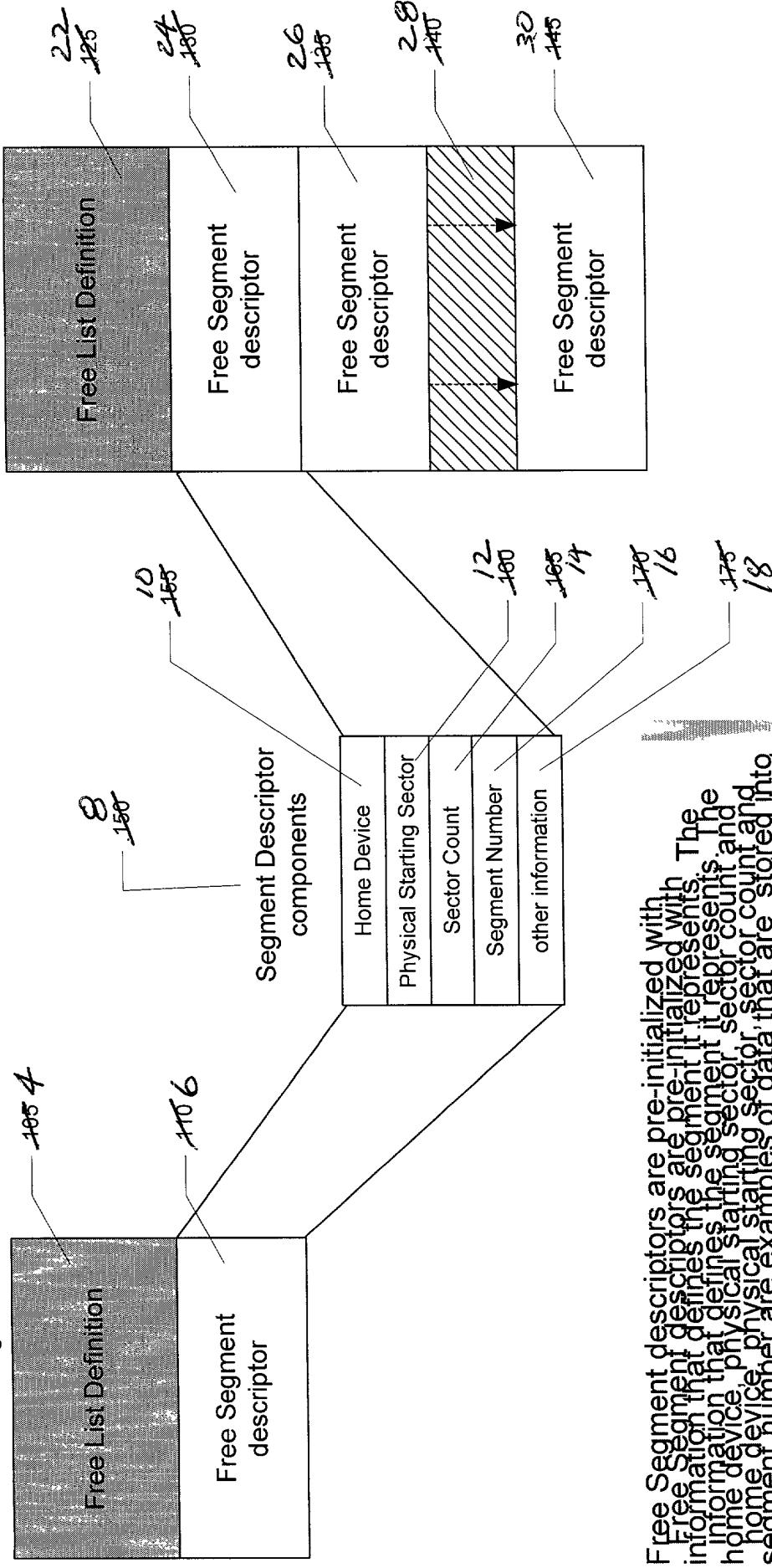


200 200 200 200 200 200

View of a Free Segment List Table as multiple tables



Free Segment descriptors are pre-initialized with information that defines the segment it represents. The information that defines the segment is sector count and physical starting sector that are stored into home device, physical starting sector, sector count and segment number are examples of data that are stored into the segment number before it is assigned into the segment map.

Other data that becomes known such as status flags will be stored when a descriptor is assigned. (Status flags field is not shown, it is a member of "other information")

Figure 0.1 1

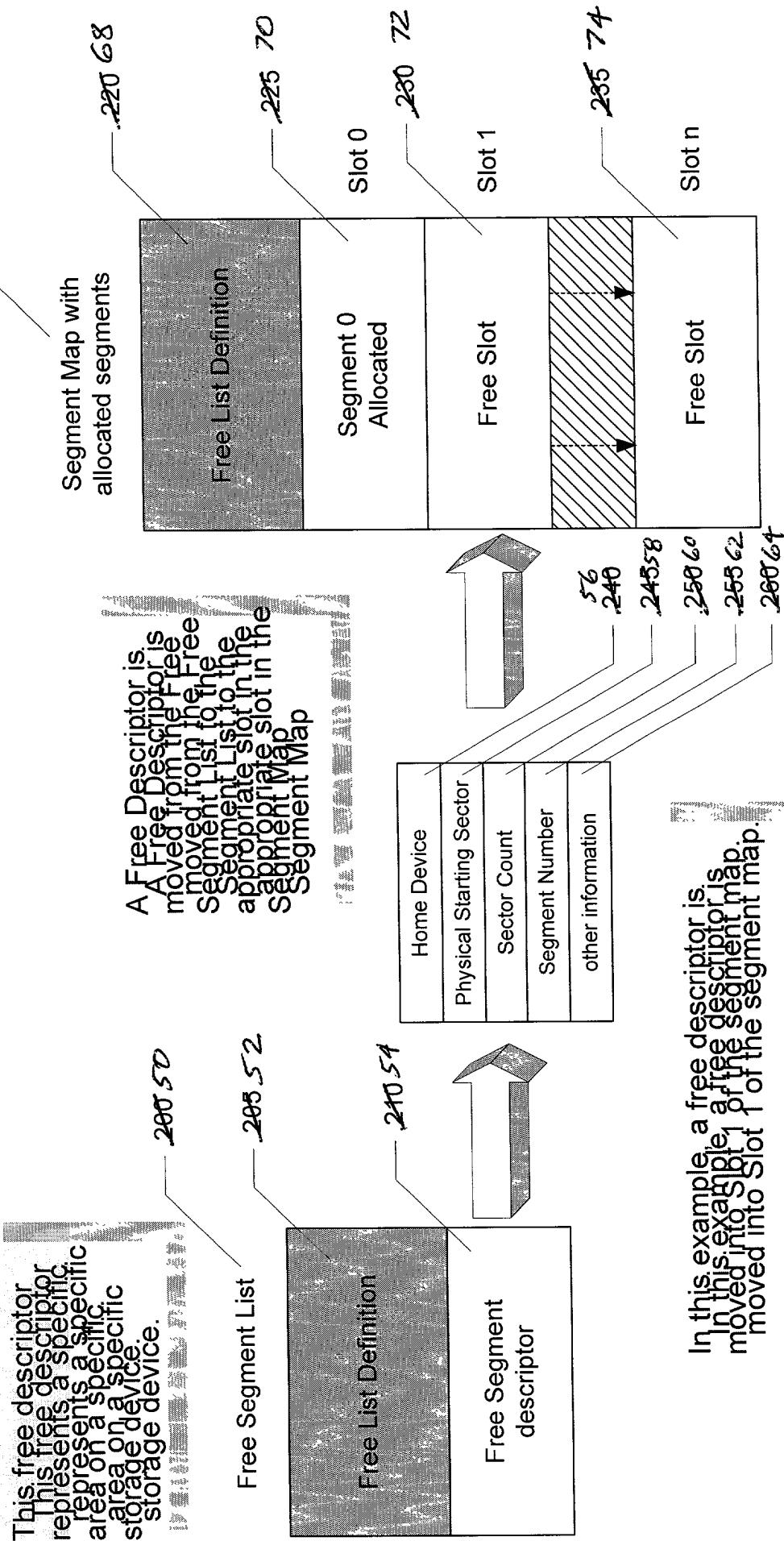


Figure 0.2-2

Segment and Disk Sector S-DR Relationship

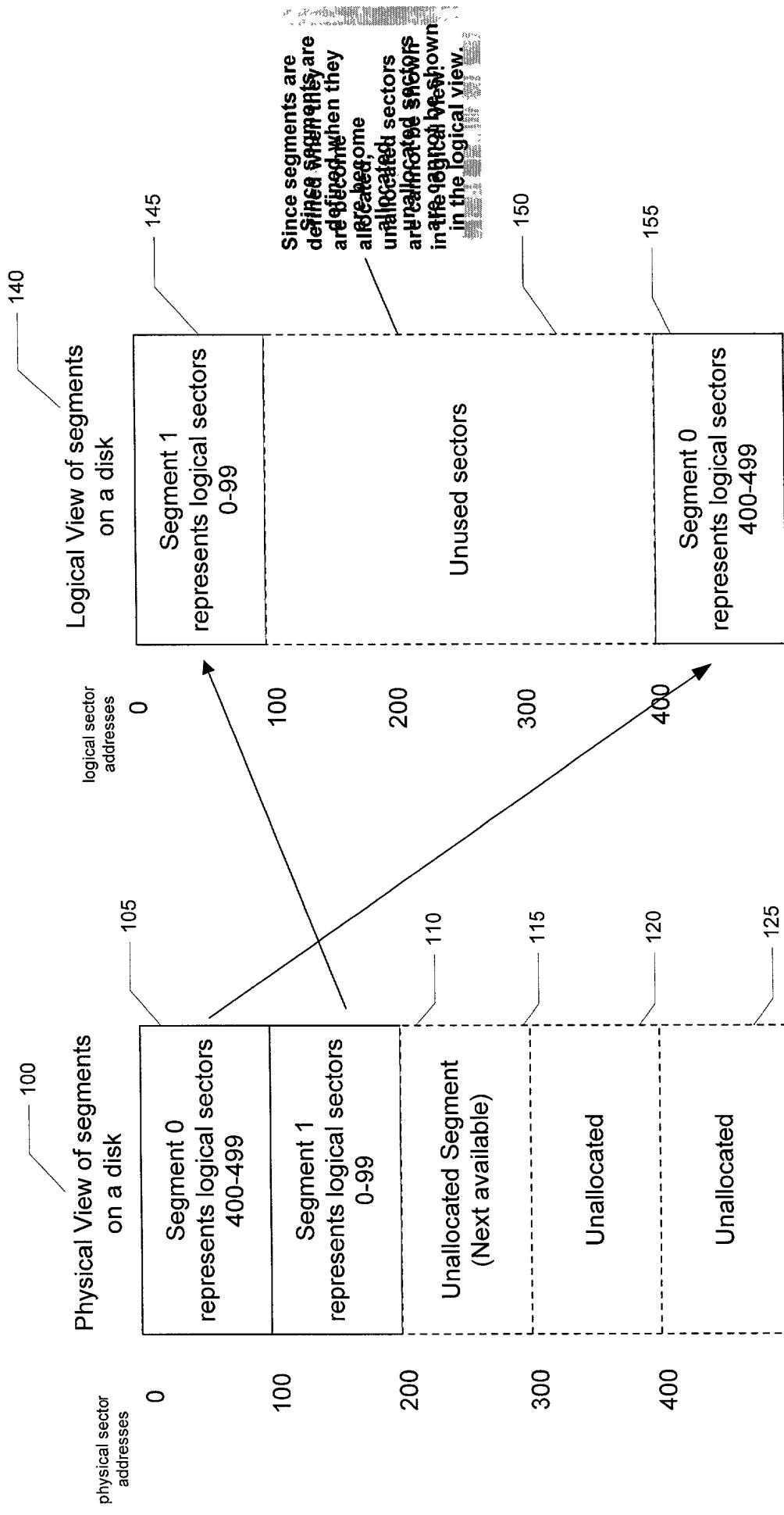
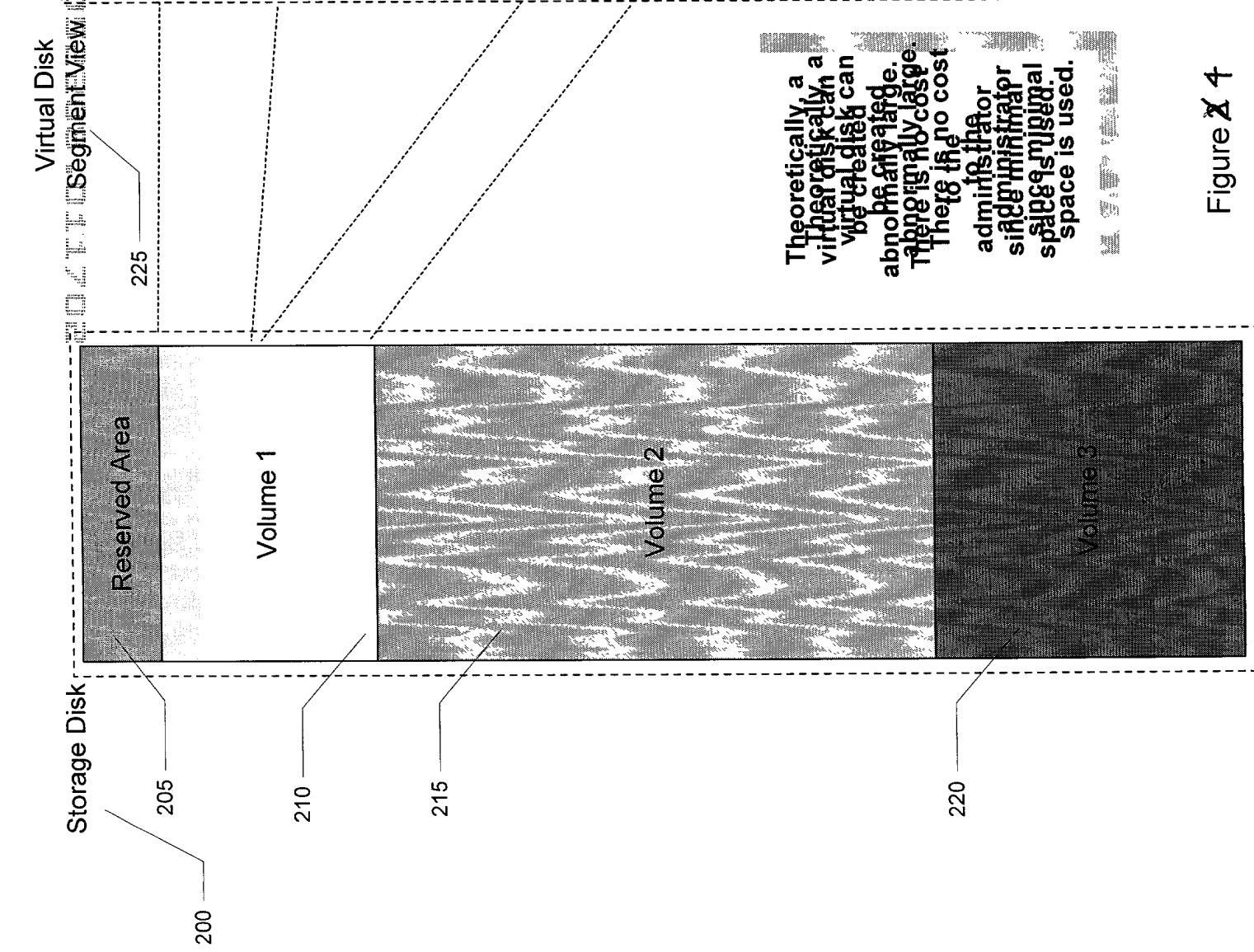
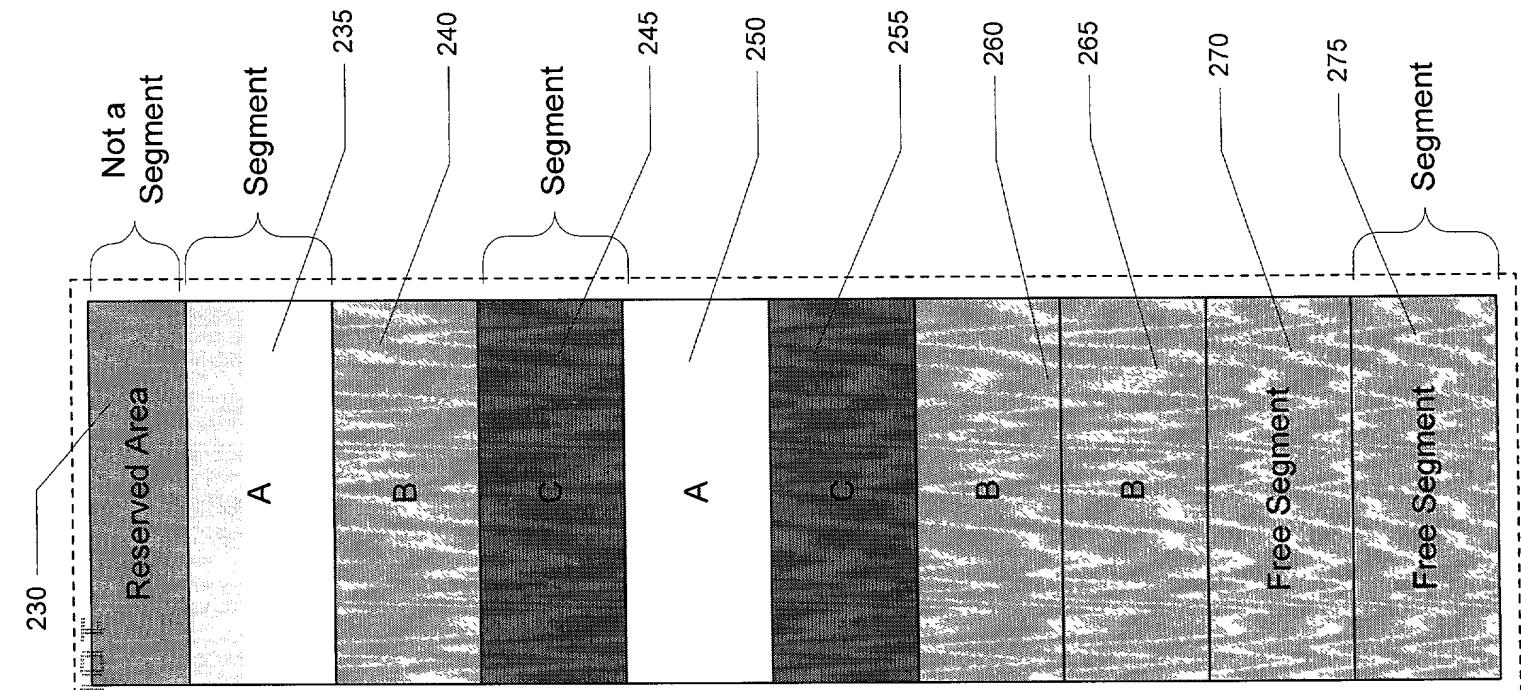


Figure 3



Theoretically a virtual disk can be created on an ordinary disk. The segments can be of any size. There is no cost to the administrator if the space is unused.

Figure X 4

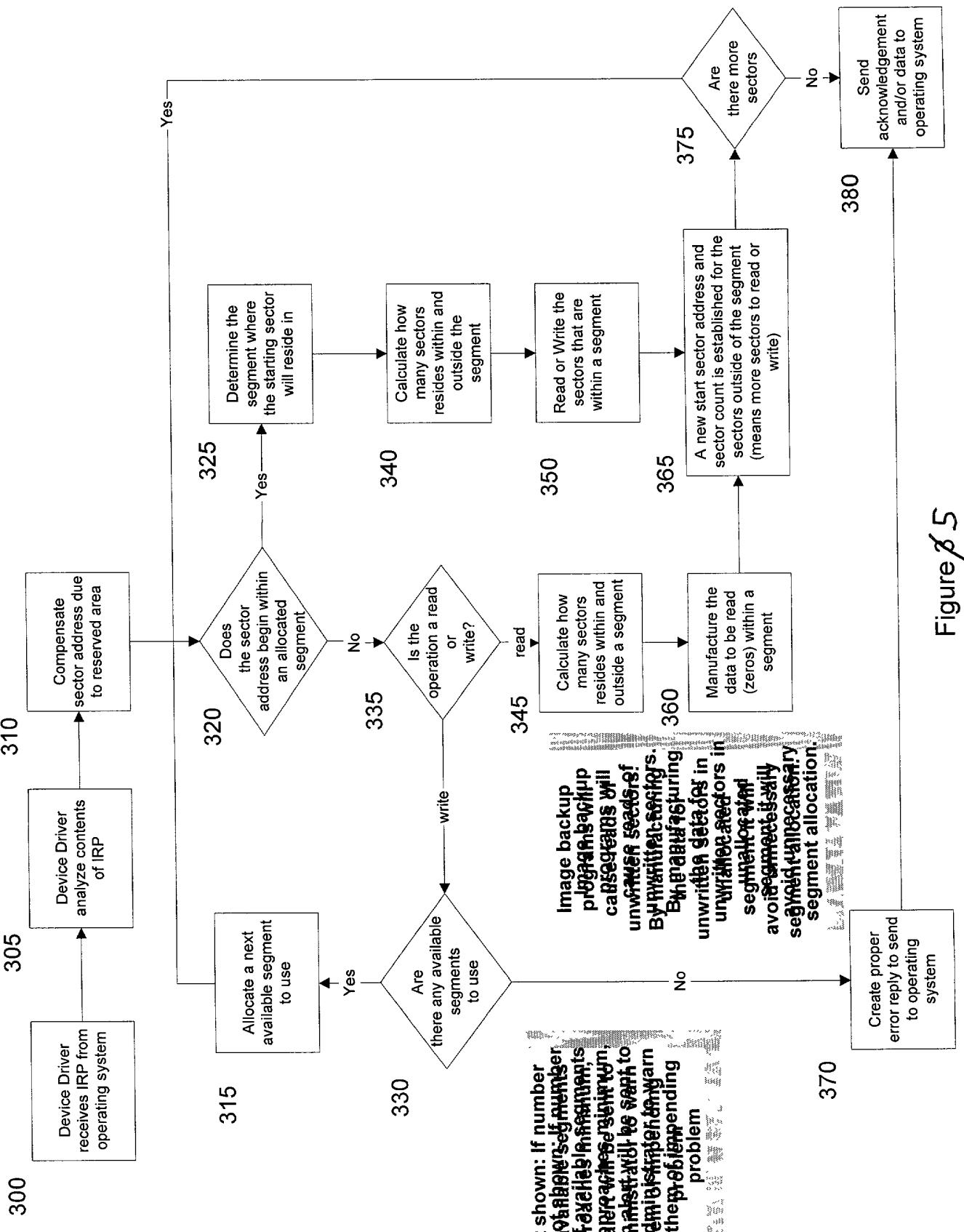
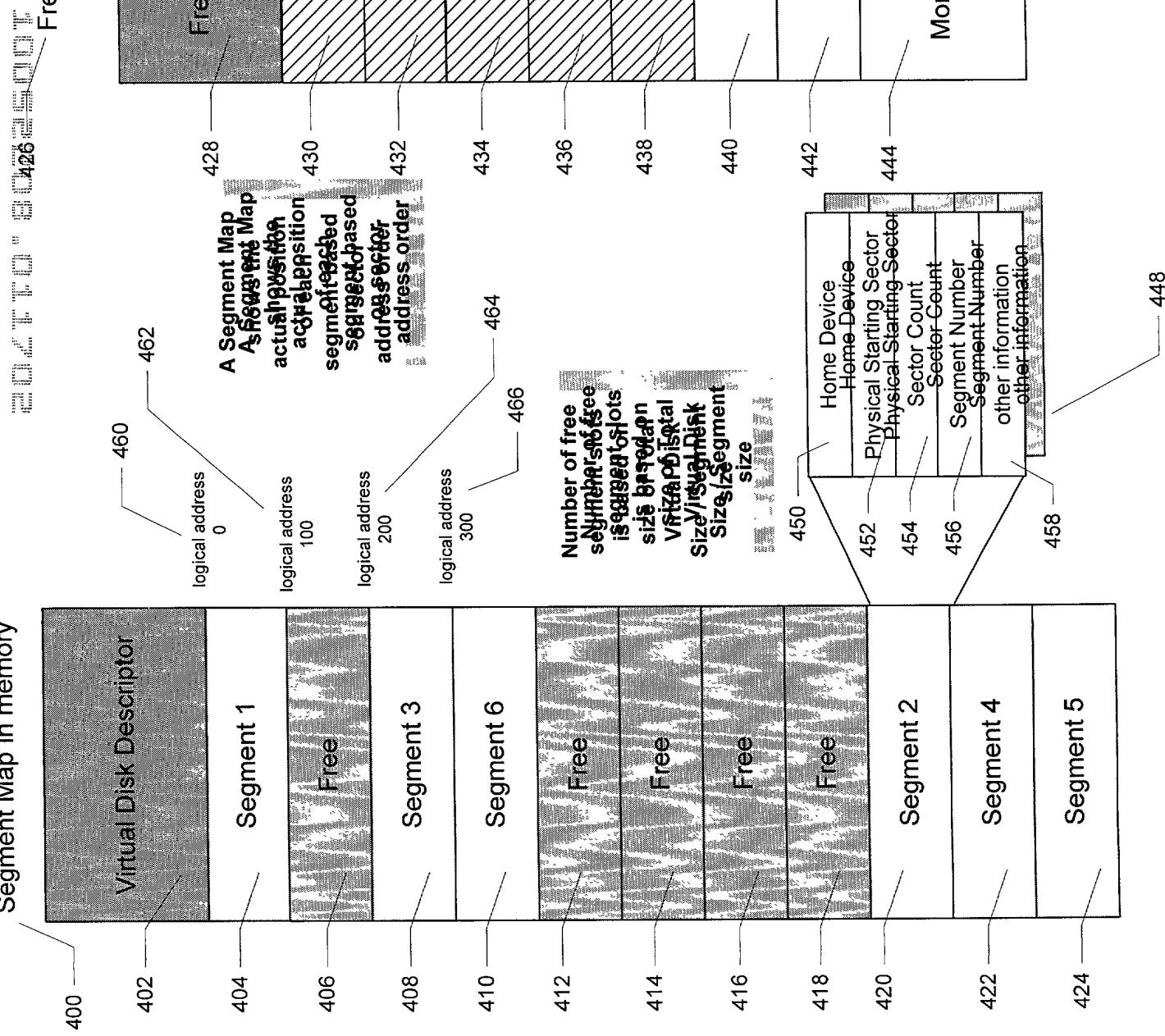


Figure 7.5

Segment Map in memory



Free Segment List

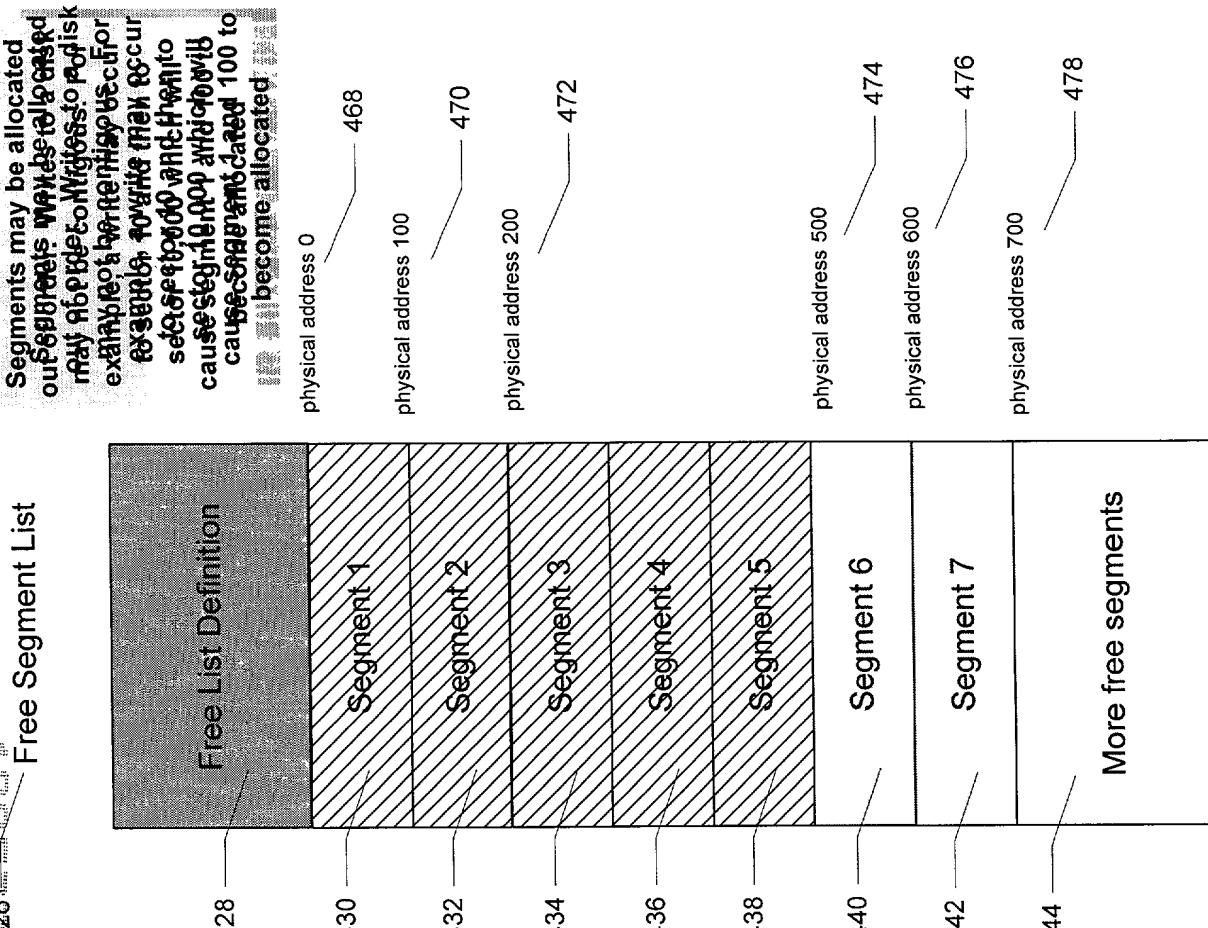


Figure 6

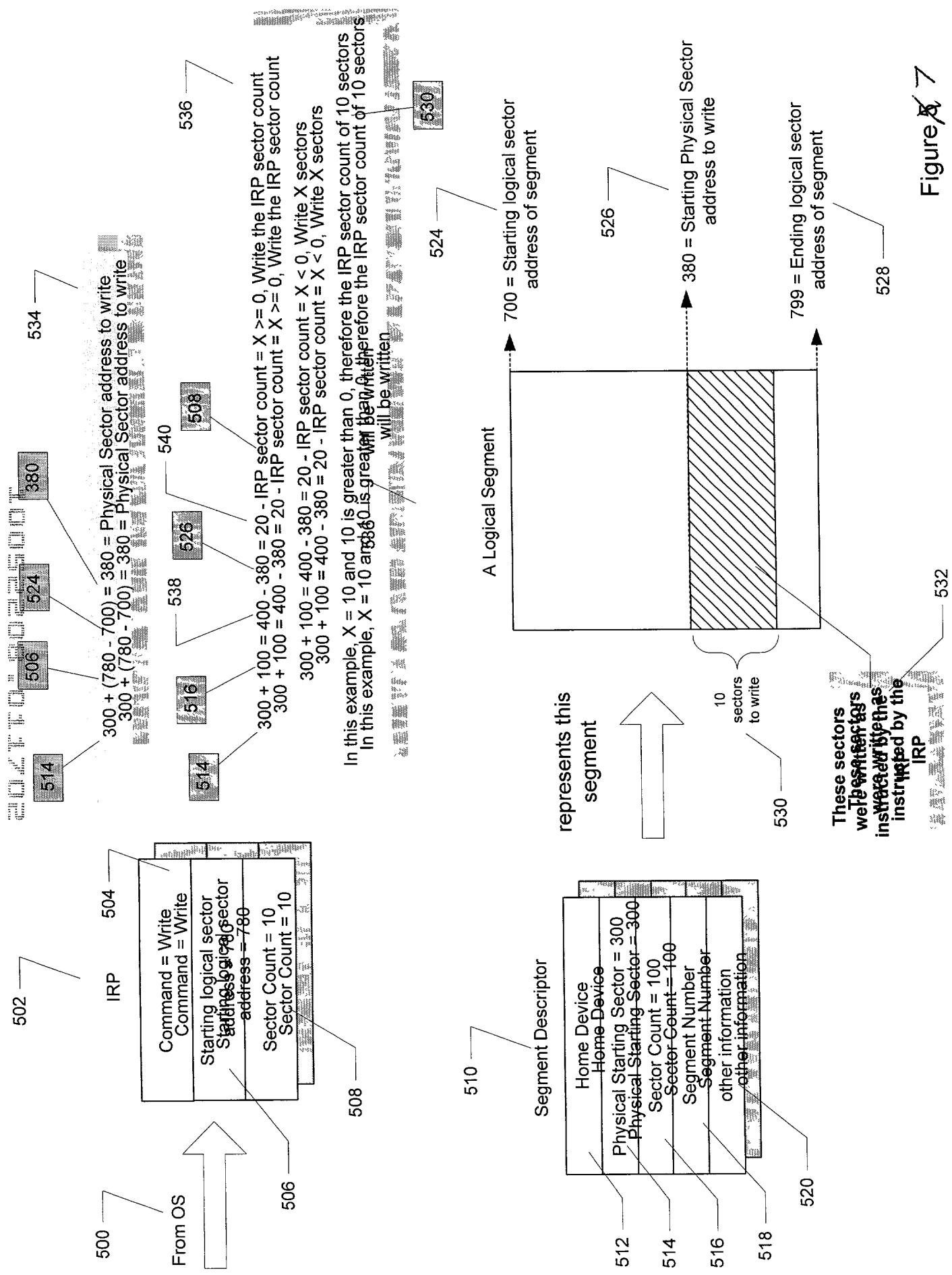


Figure 7

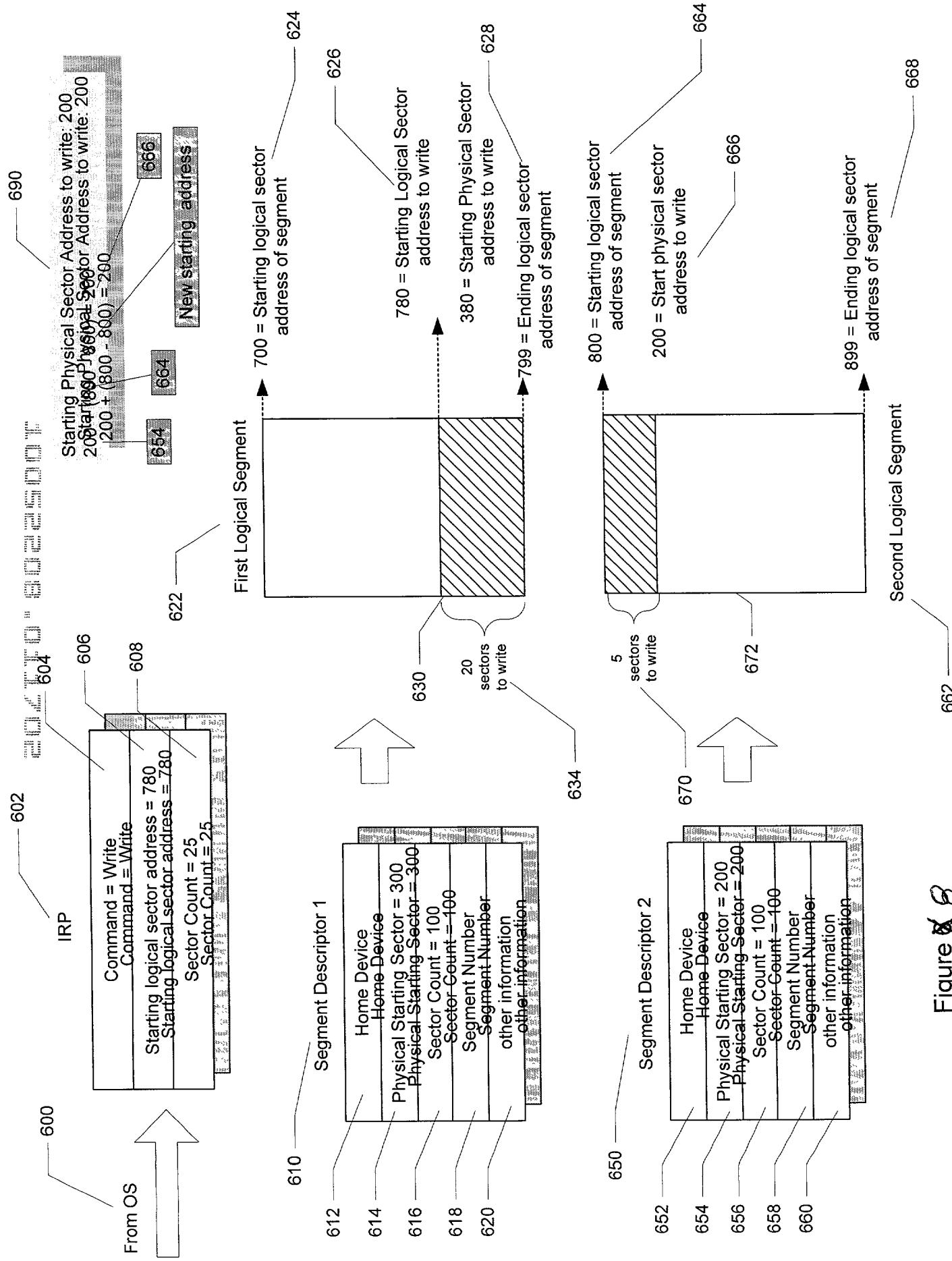


Figure 8